

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Antonio Nucci, et al.

) Attorney Docket No. 2315/SPRI.104359

) Art Unit: 2633

Serial No. 10/616,637

Filed: July 10, 2003

Title: METHOD AND SYSTEM FOR
IDENTIFYING OPTIMAL MAPPING IN
A NETWORK

CERTIFICATE OF MAILING
37 C.F.R. 1.8

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Dear Sir:

In compliance with Applicants duty of disclosure pursuant to 37
C.F.R. Section 1.56, it is requested that this Information Disclosure Statement be
entered and that the references listed below and on the enclosed Form PTO-1449 be
considered by the Examiner and made of record. Copies of the above-referenced
documents are enclosed.

OTHER DOCUMENTS (Including Author, Title, Relevant Pages, and Place of Publication, Date)

J. Armitage, O. Crochat, J. Y. Le Boudec "Design of a Survivable WDM Photonic Network", in *Proc. INFOCOM '97*, pp.244-252, April 1997.

O. Crochat, J.Y.Le Boudec "Design Protection for WDM Optical Networks", *IEEE Journal on Selected Areas in Communication*, Vol. 16, n.7, pp.1158-1165, September 1998.

O. Crochat, J.Y.Le Boudec, O.Gerstel "Protection Interoperability for WDM Optical Networks", *IEEE Transaction on Networking*, Vol. 8, n.3, pp.384-395, June 2000.

E. Modiano, A. Narula-Tam "Survivable routing of logical topologies in WDM networks", in *Proc. INFOCOM '01* Vol.1, pp. 348-357, Anchorage, Alaska, April 2001.

F. Glover, E. Taillard and D. De Werra "A User's Guide to Tabu Search", *Annals of Operations Research*, Vol. 41, pp.3-28, 1993.

V. Kumar "Approximating arc circular colouring and bandwidth allocation in all-optical ring networks", *First international Workshop on Approximation Algorithms for Combinatorial Optimization Problems (APPROX'98)*, 1998.

A. Nucci, B. Sanso, T. G. Crainic, E. Leonardi, M. Marsan "Design of Fault-Tolerant Logical Topologies in Wavelength-Routed Optical IP Networks", *IEEE Globecom Proceedings*, November, 2001.

B. Beauquier, J-C. Bermond, L. Gargano, P. Hell, S. Perennes and U. Vaccar "Graph problems arising from wavelength-routing in all-optical networks", *2nd IEEE Workshop on Optics and Computer Science, part of IPP'97*, Genova, Switzerland, April 1997. IEEE Press.

V. Auletta, I. Caragiannis and P. Persiano "Randomized path coloring on binary trees", *3rd International Workshop on Approximation Algorithms for Combinatorial Optimization Problems (APPROX'00)*, Vol. 1913, pp.60-71, Springer-Verlag, 2000.

T. Erlebach, K. Jansen, C. Kakalamanis, M. Mihail and P. Persiano "Optimal wavelength routing on directed fiber trees", *Theoretical Computer Science*, Vol. 221, n.1-2, pp.119-137, 1999.

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D. S. Hochbaum editor "Approximation Algorithms for NP-Hard Problems", *PWS Publishing Company*, 1997.

Eric J. Harder, Sang-Kyu Lee and Hyeong-Ah Choi "On Wavelength Assignment in WDM Optical Networks", *Proceedings of the 4th International Conference on Massively Parallel Processing Using Optical Interconnections (MPPOI'97)*, 1997.

A. Nucci, N. Taft, P. Tmran, H. Zang and C. Diot "Increasing the Link Utilization in IP over WDM Networks" *Opticom 2002*. June 2002.

G. Iannaccone, C. Chuah, R. Mortier, S. Bhattacharyya and C. Diot "Analysis of Link Failures in a Large IP Backbone" in *Proc. 2nd ACM Sigcomm Internet Measurement Workshop (IMW)*, November, 2002.

K. Papagiannaki, S. Moon, C. Fraleigh, P. Thiran, F. Tobagi and C. Diot "Analysis of Measured Single-Hop Delay from an Operational Backbone Network" in *Proc. IEEE Infocom, New York, June 2002*.

Respectfully submitted,

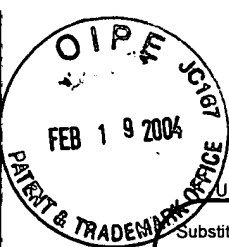


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Attorney Docket No. 2315/SPRI.104359



PTO/SB/08B (08-03)

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STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/616,637
Filing Date	July 10, 2003
First Named Inventor	Antonio Nucci, et al.
Art Unit	2633
Examiner Name	
Attorney Docket Number	2315/SPRI.104359

Sheet 1 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		J. Armitage, O. Crochat, J. Y. Le Boudec "Design of a Survivable WDM Photonic Network", in Proc. INFOCOM '97, pp.244-252, April 1997.	
		O. Crochat, J.Y.Le Boudec "Design Protection for WDM Optical Networks", IEEE Journal on Selected Areas in Communication, Vo1. 16, n.7, pp.1158-1165, September 1998.	
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